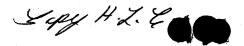
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to ask but	- Charles broke 3
FILE NOTATIONS	
Entered in NID File	Checked by Chief
Entered On S R Sheet	Copy NLD to Field Office
Location Map Pinned	Approval Letter Fernandist
Card Indexed	Disapproval Letter
1 W R for State or Fee Land	
COMPLETION DATA:	
Date Well Completed 10-29-63	Location Inspected
OW TA	Bond released
SIGW OS PA	State of Fee Land
LOGS FI	LED
Driller's Log 11-19-63	
Electric Logs (No.)	Carlo de la Carlo
E	GR-I GR-N Micro
Lat Mi-L Sonic	Others Lamo nature dog (2)
	Sanima + Band Comes Trest
	Formation Sensite Log(2)

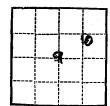






Budget Bureau No. 42-R358.4. Form Approved.

(SUBMIT IN TRIPLICATE)



UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Land Office	•
Lease No.	Sections The
Unit	Ferron
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NOTICE OF INTENTION TO TEST WATER SH	IIT-OFF	SUBSEQUENT REPORT OF SHOOTIN SUBSEQUENT REPORT OF ALTERIN	
NOTICE OF INTENTION TO RE-DRILL OR RE		li	· •
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NOTICE OF INTENTION TO PULL OR ALTER		SUBSEQUENT REPORT OF ABANDO	
NOTICE OF INTENTION TO ABANDON WELL	CASING	SUPPLEMENTARY WELL HISTORY	
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(Field)	(County or Sub	division)	State or Territory)
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		OF WORK	
tate names of and expected depths to objection is a second control of the control	tive sands; show sizes, we ing points, and all other	ights, and lengths of proposed casi: important proposed work)	ngs; indicate mudding jobs, come
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			nd 9/24/63.
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	ludes elevati	on will be forward	pd 9/24/63.
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Survey plat which inc. I understand that this plan of work must	receive approval in writing	on will be forward	pd 9/24/63.
Staven plat which inc. I understand that this plan of work must ompany Parific Matural.	receive approval in writing	on will be forward	perations may be commenced.
Survey plat which inc. I understand that this plan of work must ompany Pacific Matural.	receive approval in writing	an tall be forward ng by the Geological Survey before ion Company	perations may be commenced.
Staven plat which inc. I understand that this plan of work must ompany Parific Matural.	receive approval in writing the Explorest	on will be forward	perations may be commenced.
Survey plat which inc. I understand that this plan of work must ompany Facific Metural ddress 355 South 5th Ed	receive approval in writing the Explorest	an tall be forward ng by the Geological Survey before ion Company	perations may be commenced. Lilla



COMPANY Paci	fic Natural Gas Ex	ploration Co.
Weil Name and No		Lease No.
Location 990 Ft.	from the E. line \$ 16.	50 Ft. from the N. line
Being intha. N.	W \$ 5E \$ NE \$ of	
Section 9, T. 2.	S,RTE,SLM EM	ery County, Utah
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Scale—4 inches equals 1 mile

Surveyed Jepi Fi 19 63	Surveyed	sept.	2/	•	19.6	3
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This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Registered Professional
Engineer and Land Surveyor

BBN-ABYOCATE, PRICE, MYAN 8-B4



for FERRON UNIT NO. 42-9 Located in the NW SE NE Sec. 9, T21S, R7E Emery County, Utah

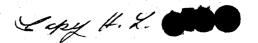
- 1. Build road and location. Move in rotary tools.
- 2. Drill 320' of 172" hole.
- 3. Set 300° of 13 3/8", 48 lb H-40 casing, and cement with 200 sacks of regular cement including 4% CaCl₂. Cement to circulate to surface. ✓
- 4. Cement will set 12 hours before releasing pressure to nipple up. Install B.O.P.E. and test with 750 psi of water pressure for 15 minutes. Cement will set 24 hours before drilling out.
- 5. Blow water out of hole with air and drill out with 12½" bit. Drill through the Buckhorn Formation to approximately 1950'. Set 9 5/8", 36 lb J-55 casing. Cement through shoe with 200 sacks regular cement including 4% CaCl2. Precede cement with 50 bbls gelled water and circulate gelled water to surface while cementing.
- 6. Cement will set 16 hours before releasing pressure to nipple up. Install B.O.P.E. and test with 1000 psi of water pressure for 15 minutes. Cement will set 36 hours before drilling out.
- 7. Blow water out of the hole with air and drill ahead with 8 3/4" bit. If production is encountered in lower zones, 5½" production casing will be run.
- 8. If it becomes necessary to change to mud as a drilling medium, a gilsonite base mud will be used, and a mud logging unit employed. ✓
- 9. Expected tops of formations are as follows:

Ferron	870	Carmel	4150
Tununk	1190	Navajo	5425
D akota	1725	Kayenta	5745
Cedar Mtn.	1795	Wingate	5885
Buckhorn	1920	Chinle	6 23 5
Morrison	1930	Moenkopi	6515
Summerville	2620	Sinbad	7 240
Curtis	2920	K ai b a b	7690
Entrada	3100	Coconino	7890 <i>~</i>

- 10. Samples of formation cuttings will be collected at 10 foot intervals.
- 11. Deviation surveys will be taken at not less than 200' intervals. The deviation will be kept within 1 degree per 100' of hole, with the total accumulative deviation not to exceed 1 degree per 1000' of total hole drilled. The surface hole shall not deviate more than 1/2 of 1 degree.
- 12. Note that while this program is set up to drill to the Coconino at an estimated depth of 7890°, drilling may be terminated at any lesser depth where production is encountered, or may be continued to a depth greater than 7890°.
- 13. A flare will be kept ignited at the end of the blooie line at all times during air drilling operations.
- 14. The rig will be equipped with a two-way radio or telephone to facilitate the coordination of all operations, providing that receiving and transmitting conditions are suitable.
- 15. Blow-out equipment will include a hydraulically operated double gate at all times except when drilling the surface hole.







Budget Bureau No. 42-R358.4. Form Approved.

Form Approved.

Lease No. Sorgnson Per



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(SUBMIT IN TRIPLICATE)

SUNDRY NOTICE	ES AN	D REPORTS ON WELLS	S
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS.	X	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	2.75	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	i
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		1	i
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO ABANDON WELL		SUFFLEMENTARY WELL HISTORY	
(INDICATE ABOVE BY CHE	CK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)	
	1	September 27	
Vell No. 42-9 is located 1650 f NW SE NE 9 21S	7	E S.L.	f sec. <u>9</u>
(½ Sec. and Sec. No.) (Twp.)	(Ran	3·, (,	
Ferron (Field)	(County or Sul		
We intend to drill only to originally planned. Our same except for this chan	o 3500' notice	rather than to 8000' as	
*To be furnished as soon	as poss	ible.	
I understand that this plan of work must receive appropriately properly pro			e commenced.
ldress 366 South 5th East S	treet		
Salt Lake City 2, Uti	ah	By R. D. Goddon	'es
Phone 322-2583		ALA IFA LENTINA	

PACIFIC NATURAL GAS EXPLORATION COMPANY

366 SOUTH FIFTH EAST

SALT LAKE CITY 2. UTAH September 30, 1963

Mr. C. B. Feight Utah Oil & Gas Conservation Commission 310 Newhouse Building Salt Lake City, Utah

Dear Mr. Feight:

Enclosed are the survey plats showing the location of our Ferron Unit No. 42-9 well located in the NW_4 SE_4 NE_8 of Section 9, T21S, R7E, SLM, Emery County, Utah.

Note that the ground elevation is 6213.6°. The elevation of the kelly bushing is 6223.6°.

Very truly yours,

PetroZeum Engineer

RDG:lc

c.c. T. A. Johnson, Jr.

LNO)

Lapy. D.W

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

AND OFFICE	Form approved. Budget Rureau No. 42-R356.5	· PAR
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LESSEE'S MONTHLY REPORT OF OPERATIONS

	Stat	e	Ut	a li		<i>C</i> e	ounty	Emery		. Fie	ld	erron	Unit	
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			-	3 0c	Salt Ro	Lake	City 2, U	ian		Sign	ned	Code	Le	ddes
	Phoi	<i>1e</i>	2	2-25	<u> </u>					Age	ent's title .	rearc	Tem	LAGINGT
	SEC. A	ND 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. or (In thousa	GAS nds)	Gallons of Gasoline Recovered	BARRELS WATER none, so s	(If (If o	REMARKS drilling, depth; if shut down, cause; te and result of test for gasoline content of gas)
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runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 (January 1950)

16 25766-9 U. S. GOVERNMENT PRINTING OFFICE

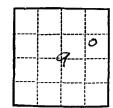






Budget Bureau No. 42-R358.4. Form Approved.

Form 9-881 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	Utek	
Lease No	Saremen	Fun
Unit	Terror	

	SUNDRY N	OTICES A	ND REPOR	RTS ON WELLS	
NOTICE OF INTE	NTION TO DRILL		SUBSEQUENT REP	ORT OF WATER SHUT-OFF	
NOTICE OF INTE	NTION TO CHANGE PLAN	NS	ff	ORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTE	NTION TO TEST WATER	SHUT-OFF	ll .	ORT OF ALTERING CASING	
NOTICE OF INTE	NTION TO RE-DRILL OR	REPAIR WELL	ll l	ORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTE	NTION TO SHOOT OR AC	CIDIZE	- 11	ORT OF ABANDONMENT	
NOTICE OF INTE	NTION TO PULL OR ALT	ER CASING	SUPPLEMENTARY		
	NTION TO ABANDON WE	IL.			
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,	*POR	(Zumin	LESS.	112-12-	
	eld)	(County or	Subdivision)	(State or Territory)	
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	rm 9-330		rm 9-330	rm 9-330

Form a	pproved.		
Budget	Bureau	No.	42-R355.4

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OF PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Comp	any	ific	Natural	Gas Ex	mlorat	ion	. Addres	366 South	5th	East, S	ait La	ke City,
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FORMATION RECORD—Continued loans

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U. S. Land Oppice Sum to Number Leads on Permit to Prospect

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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HISTORY OF OIL OR GAS WELL

"It is of the greatest importance to have a complete history of the walk. Please state in detail the dates of fedrilling, together with the measons for the wark and its results. If there were any changes made in the casing, state fully, and if any clising was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

79-310 308 79-310 308	300 683		Tage mall.	9.0 154.	390 Pala.

Size Alice -	de geropia e	ries of cereicing	tethod tised	Rand gravity	Aznount of mud used
	ì	AUDDING AND	CEMENTIN	G RECORD	1.1% (IV.) 1.1
					43094-2 U. S. GOVERNMENT PRINTING OFFICE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING

REPORT OF WATER ENCOUNTERED DURING DRILLING

SALT LAKE CITY 11, UTAH

Well Name & Number: Fer	ron Unit No	o. 42 - 9			
Operator Pacific Natur Exploration C Contractor Willard Pease	Company			5th E. Pho	
Location: SE 表 NE 表 Sec. 9	T. 21 R.	, <u>7 E</u> .	Emery	Cos	mty, Utah.
Water Sands:	•	/ ~			
Depth		<u>Volume</u>		Qual:	Lty
From To	<u>F1.</u>	ow Rate	or Head	Fresl	or Salty
1. 1060' les	ss than 1 ba	arrel pe	er hour		fresh
2.					
3.					
4.					
5.					
			e side if necessar	ry)	
Formation Tops:		:	•	. *	
Mancos Ferron Tununk Dakota Cedar Mountain Buckhorn Remarks: Morrison Saltwash Summerville Curtis	935 1250 1830 1932 2020 2100 2580 2995 3030			strati Emi	
Entrada	3225				

- MOTE: (a) Upon diminishing supply of forms, please inform the Commission
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

November 19, 1963 Pacific Natural Gas Exploration Company 366 South 5th East Salt Lake City, Utah Re: Well No. Ferron Unit 42-9 Sorensen Fee Sec. 9, T. 21 S, R. 7 E., Emery County, Utah Gentlemen: We are in receipt of your well log, U. S. Geological Survey Form 9-330 for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling. Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible. Also, the electric and/or radioactivity logs are due and have not been filed with this office as required by our rules and regulations. Very truly yours, OIL & GAS CONSERVATION COMMISSION CLARELLA N. PECK RECORDS CLERK cnp Enclosure - Forms

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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form Budg	a approved. et Bureau No. 42-2256.5.
LAND OFFICE	ANTE DINE
LEASE NUMBER	
UNIT	ELION

LESSEE'S MONTHLY REPORT OF OPERATIONS

			addr		366	South	Fift	h Ea	est St	, 1 63 , reet	Com	nanu 🚉	ploration	un Company Lectes
1	Pho	ne_	327	2-259								nt's title_	Petpoli	non Engineer
=	Sec. ¼ o	AND F 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARR EIS	900 p	GRAVITA	Cu. Fr. or ((In thousan	GAS ds)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, ca date and result of test for gasolin content of gas)
•		22	208	7E	1	∴ દ ∂ 	win		(0	0	Shut-in.
1	Œ	22	205	7E	41							0	Q	Shut-in.
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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

17

	NITED STATES MENT OF THE INTE	RIOR (Other instruction on re-	both animo Budget bur- 5. Lease designation	e au No. Kii ikidasi
	ECOLOGICAL SURVEY ICES AND REPORTS als to drill or to deepen or plu TION FOR PERMIT—" for sucl		6. IF INDIAN, ALLOTT	
I. OV CAS TO			Not Appli	
WELL WELL X OTHER			Ferro	on _
2. NAME OF OPERATOR			8. FARM OR LEASE NA	ME
Pacific Natura	1 Gas Exploration	n Company	Sorenser	ı Fee
3. ADDRESS OF OPERATOR			9. WELL NO.	
P. O. Box 2436, S 4. LOCATION OF WELL (Report location cl	alt Lake City, U	tah 84110	42-9	
See also space 17 below.)	early and in accordance with a	any State requirements.*	10. FIELD AND POOL,	OR WILDCAT
At surface			Field	
			11. SEC., T., R., M., OR SURVEY OR ARE	BLK, AND
1650' S of NL and			NW4 NE4 NE	
Sec 9, T 21S, R 7	E	•	T 21S, R 7F	?
14. PERMIT NO.	15. ELEVATIONS (Show whether	r DF, RT, GR, etc.)	12. COUNTY OR PARIS	H 13. STATE
	6223 T	DF	Emery	Utah
16. Check Ap		Nature of Notice, Report, or C	Other Data	
NOTICE OF INTER		Opasaus	ENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING	WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING	CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONM	ENT*
REPAIR WELL	CHANGE PLANS	(Other)		
(Other)		Completion or Recompl	of multiple completion etion Report and Log f	orm.)
17. DESCRIBE PROPOSED OR COMPLETED OPE. proposed work. If well is directionent to this work.)*	RATIONS (Clearly state all pertinally drilled, give subsurface le	nent details, and give pertinent dates, ocations and measured and true vertica	including estimated da il depths for all marke	ite of starting an rs and zones perti
	e e			
(See attached	abandonment prog	gram)		*
•				
		•		
APPROVED BY	UTAH OIL AND GA	S		

CONSERVATION COMMISSION

TITLE Drilling Superintendent DATE (This space for Federal or State office use)

*See Instructions on Reverse Side

PROPOSED PROGRAM TO PLUG AND ABANDON FERRON UNIT WELL NO. 42-9 SE认 NE认 Sec 9, T 21S, R 7E Emery County, Utah

Present Mechanical Condition

- 1. 13-3/8", 48#, H-40 casing set at 309', cement circulated.
- 2. 9-5/8", 36#, J-55 casing set at 2063', cement circulated.
- 3. 8-3/4" hole to T.D. at 3500'.
- 4. 35 sack cement plug across shoe of 9-5/8" casing.
- 5. 2-3/8", E.U.E. tubing hung at 900'. Well shut-in.

Proposed Abandoning Program

- 1. Move in small drilling rig or workover rig.
- 2. Fill hole with ll# gallon mud through tubing and circulate until all gas is out of mud.
- 3. Remove tubing head and place 50 sack cement plug through tubing from 1015' to 900' (assuming one sack will fill not less than 2.3' of 9-5/8" casing). This plug will cover all perforations.
- 4. Pull tubing and place 10 sack plug at surface.
- 5. Squeeze 10 sacks between 9-5/8" casing and 13-3/8" casing.
- 6. Remove all wellhead equipment and install dry hole marker.

EEL/chd 9-14-65

16.

NITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	SUBMIT	CAT	10°#
2	(Other inverse side)	on	re-

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

ı	5.	LE	ASE	DES	IGN A	MOIT	AND	SERIA	L NO.
1	6.	IF	IND	IAN,	ALI	OTTE	E OR	TRIBE	NAME

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS
		7 475 6			

(Do not use this form for proposals to drill or to deepen or plug back to a Use "APPLICATION FOR PERMIT—" for such proposals.) Not Applicable 7. UNIT AGREEMENT NAME WELL X OTHER Ferron 2. NAME OF OPERATOR 8. FARM OR LEASE NAME Sorenson Fee Pacific Natural Gas Exploration Company 9. WELL NO. P. O. Box 2436. Sa LOCATION OF WELL (Report location clearly See also space 17 below.) At surface Salt Lake City, Utah 84110 arly and in accordance with any State requirements. 10. FIELD AND POOL, OR WILDCAT Ferron - Ferron

11. SEC., T., E., M., OR BLK. AND
SURVEY OR AREA 1650' FNL & 990' FEL Sec 9, T 21S, R 7E, SLM Sec 9-21S-7E 14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) Emery Utah 6223' Original D.F.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOT	ICE O	F INTENTION TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE		PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON*		WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING ABANDONMENT* X
REPAIR WELL (Other)		CHANGE PLANS		(Other) (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

- 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
 - 1. Filled hole with heavy mud.
 - 2. Plugged from 1015'-900' with 50 sax Class A cement.
 - 3. Pumped heavy mud between 9-5/8" and 13-3/8" casing strings
 - 4. Squeezed 55 sax of Class A cement between 9-5/8" and 13-3/8" casing strings.
 - 5. Placed 10 sack cement plug at surface.
 - 6. Cut off wellhead and installed marker.

PLUGGED AND ABANDONED OCTOBER 20, 1965

18. I hereby certify that the forego			
SIGNED R. D. Geddes	Y, Guddine_	Division Manager	DATE 11-17-65
(This space for Federal or Stat	e office_use)		
•			医二氯化乙二氯 精工 自由了来
APPROVED BY	TITLE		DATE
CONDITIONS OF APPROVAL,	IF ANY:		

*See Instructions on Reverse Side

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